

PATENT COOPERATION TREATY

From the INTERNATIONAL SEARCHING AUTHORITY

PCT

<p>To: JUL 12 2005</p> <p>Alston & Bird LLP <i>Received By</i></p> <p>Bank of America Plaza 101 South Tryon Street, Suite 4000 Charlotte, NC 28280-4000 USA</p>	<p style="text-align: center;">NOTIFICATION OF TRANSMITTAL OF THE INTERNATIONAL SEARCH REPORT AND THE WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY, OR THE DECLARATION</p> <p style="text-align: center;">(PCT Rule 44.1)</p>
<p>Date of mailing (day/month/year) 07-07-2005</p>	<p>Applicant's or agent's file reference 42933/288287</p>
<p>International application No. PCT/IB2005/000333</p>	<p>FOR FURTHER ACTION See paragraphs 1 and 4 below</p>
<p>Applicant Nokia Corporation et al</p>	<p>International filing date (day/month/year) 09-02-2005</p>

1. ☒ The applicant is hereby notified that the international search report and the written opinion of the International Searching Authority have been established and are transmitted herewith.

Filing of amendments and statement under Article 19:
The applicant is entitled, if he so wishes, to amend the claims of the international application (see Rule 46):
When? The time limit for filing such amendments is normally 2 months from the date of transmittal of the international search report.
Where? Directly to the International Bureau of WIPO, 34 chemin des Colombettes
1211 Geneva 20, Switzerland, Facsimile No.: + 41 22 740 14 35
For more detailed instructions, see notes on the accompanying sheet.
2. ☐ The applicant is hereby notified that no international search report will be established and that the declaration under Article 17(2)(a) to that effect and the written opinion of the International Searching Authority are transmitted herewith.
3. ☐ With regard to the protest against payment of (an) additional fee(s) under Rule 40.2, the applicant is notified that:
 - ☐ the protest together with the decision thereon has been transmitted to the International Bureau together with the applicant's request to forward the texts of both the protest and the decision thereon to the designated Offices.
 - ☐ no decision has been made yet on the protest: the applicant will be notified as soon as a decision is made.
4. **Reminders**

Shortly after the expiration of 18 months from the priority date, the international application will be published by the International Bureau. If the applicant wishes to avoid or postpone publication, a notice of withdrawal of the international application, or of the priority claim, must reach the International Bureau as provided in Rules 90bis.I and 90bis.3, respectively, before the completion of the technical preparations for international publication.

The applicant may submit comments on an informal basis on the written opinion of the International Searching Authority to the International Bureau. The International Bureau will send a copy of such comments to all designated Offices unless an international preliminary examination report has been or is to be established. These comments would also be made available to the public but not before the expiration of 30 months from the priority date.

Within 19 months from the priority date, but only in respect of some designated Offices, a demand for international preliminary examination must be filed if the applicant wishes to postpone the entry into the national phase until 30 months from the priority date (in some Offices even later); otherwise, the applicant must, within 20 months from the priority date, perform the prescribed acts for entry into the national phase before those designated Offices.

In respect of other designated Offices, the time limit of 30 months (or later) will apply even if no demand is filed within 19 months.

See the Annex to Form PCT/IB/301 and, for details about the applicable time limits, Office by Office, see the *PCT Applicant's Guide*, Volume II, National Chapters and the WIPO Internet site.

<p>Name and mailing address of the ISA/ Patent- och registreringsverket Box 5055 S-102 42 STOCKHOLM Facsimile No. 08-667 72 88</p>	<p>Telex 17978 PATOREG-S</p>	<p>Authorized officer <i>Mona Svartengren</i></p> <p>Telephone No. 08-782 25 00</p>	<p>By <i>[Signature]</i> Date <i>7-12-05</i></p>
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PATENT COOPERATION TREATY

From the
INTERNATIONAL SEARCHING AUTHORITY

To:

Alston & Bird LLP
Bank of America Plaza
101 South Tryon Street,
Suite 4000
Charlotte, NC 28280-4000
USA

PCT

WRITTEN OPINION OF THE
INTERNATIONAL SEARCHING AUTHORITY

(PCT Rule 43bis.1)

Date of mailing
(day/month/year) **07-07-2005**

Applicant's or agent's file reference
42933/288287

FOR FURTHER ACTION
See paragraph 2 below

International application No.

PCT/IB2005/000333

International filing date (day/month/year)

09.02.2005

Priority date (day/month/year)

20.02.2004

International Patent Classification (IPC) or both national classification and IPC

H04Q 7/32, G06F 12/14

Applicant

Nokia Corporation et al

1. This opinion contains indications relating to the following items:

- ☒ Box No. I Basis of the opinion
- ☐ Box No. II Priority
- ☐ Box No. III Non-establishment of opinion with regard to novelty, inventive step and industrial applicability
- ☐ Box No. IV Lack of unity of invention
- ☒ Box No. V Reasoned statement under Rule 43bis.1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement
- ☐ Box No. VI Certain documents cited
- ☐ Box No. VII Certain defects in the international application
- ☒ Box No. VIII Certain observations on the international application

2. FURTHER ACTION

If a demand for international preliminary examination is made, this opinion will be considered to be a written opinion of the International Preliminary Examining Authority ("IPEA") except that this does not apply where the applicant chooses an Authority other than this one to be IPEA and the chosen IPEA has notified the International Bureau under Rule 66.1bis(b) that written opinions of this International Searching Authority will not be so considered.

If this opinion is, as provided above, considered to be a written opinion of the IPEA, the applicant is invited to submit to the IPEA a written reply together, where appropriate, with amendments, before the expiration of 3 months from the date of mailing of Form PCT/ISA/220 or before the expiration of 22 months from the priority date, whichever expires later.

For further opinions, see Form PCT/ISA/220.

3. For further details, see notes to Form PCT/ISA/220.

Name and mailing address of the ISA/SE
Patent- och registreringsverket
Box 5055
S-102 42 STOCKHOLM

Facsimile No. +46 8 667 72 88

Authorized officer

Roland Landström /OGU

Telephone No. +46 8 782 25 00

**WRITTEN OPINION OF THE
INTERNATIONAL SEARCHING AUTHORITY**

International application No.

PCT/IB2005/000333

Box No. I Basis of this opinion

1. With regard to the **language**, this opinion has been established on the basis of:

- ☐ the international application in the language in which it was filed
- ☐ a translation of the international application into _____, which is the language of a translation furnished for the purposes of international search (Rules 12.3(a) and 23.1(b)).

2. With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application and necessary to the claimed invention, this opinion has been established on the basis of:

a. type of material

- ☐ a sequence listing
- ☐ table(s) related to the sequence listing

b. format of material

- ☐ on paper
- ☐ in electronic form

c. time of filing/furnishing

- ☐ contained in the international application as filed.
- ☐ filed together with the international application in electronic form.
- ☐ furnished subsequently to this Authority for the purposes of search.

3. ☐ In addition, in the case that more than one version or copy of a sequence listing and/or table relating thereto has been filed or furnished, the required statements that the information in the subsequent or additional copies is identical to that in the application as filed or does not go beyond the application as filed, as appropriate, were furnished.

4. Additional comments:

WRITTEN OPINION OF THE
INTERNATIONAL SEARCHING AUTHORITY

International application No.

PCT/IB2005/000333

Box No. V Reasoned statement under Rule 43bis.1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement

1. Statement

Novelty (N)	Claims	2, 4-6, 13, 16, 18-19, 21, 23, 26	YES
	Claims	1, 3, 7-12, 14-15, 17, 20, 22, 24-25, 27	NO
Inventive step (IS)	Claims		YES
	Claims	1 - 27	NO
Industrial applicability (IA)	Claims	1 - 27	YES
	Claims		NO

2. Citations and explanations:

The invention in independent claims 1, 15 and 24 is intended to prevent unauthorized access to information stored in a memory within a mobile device. To this end, the mobile device receives a remotely originated wireless request and limits/disables access to the memory based on the request.

The invention in independent claim 27 is intended to facilitate limiting device functionality. To this end, the device receives a signal to disable device functionality, limits device functionality and transmits a return signal indicating successful disabling of device functionality.

Reference is made to the following documents:

D1: US 20030065934 A1
D2: EP 0836131 A2
D3: US 5748084 A
D4: US 5734978 A
D5: US 20030013491 A1

Document D1 (paragraphs 0011 - 0046, figures 1 - 2, abstract) discloses a system etc. that limits mobile device (PDA, computer 100, 200) functionality via a wireless network (104). The mobile device (100, 200) receives (214) a remotely (102, 202) originated request to disable the mobile device (100, 200); and limits access to (erases) memory (206) within the mobile device (100, 200) based on the request.

.../...

Supplemental Box

In case the space in any of the preceding boxes is not sufficient.
Continuation of: BOX V.

1 (2)

Certain other functions may also be disabled, see abstract. The mobile device (100, 200) has a GPS receiver (212) for reporting its location, see paragraph 0024.

Document D2 (column 2, line 21 - column 11, line 29, figures 1 - 15, abstract) discloses a system etc. that limits mobile device (portable computer 16) functionality via a wireless network (cellular telephone link). The mobile device (16) receives a remotely (140) originated request to disable the mobile device (16) and limits access to (erases) memory (152, figures 9A, 9B) within the mobile device (16) based on the request. Certain other functions may also be disabled, see abstract. The mobile device (16) acknowledges that the request has been completed, see column 11, lines 17 - 29.

Document D3 (column 1, line 45 - column 10, line 64, figures 1 - 6, abstract) discloses a mobile device (portable computer 100) that transmits data files, activates a beacon, destroys stored data and activates a sound alarm in response to a request.

Document D4 (column 1, line 65 - column 8, line 37, figures 1 - 4, abstract) discloses a mobile telephone (2) that destroys data stored in the mobile telephone (2) in response to a request in a received telephone call.

Document D5 (paragraphs 0012 - 0054, figures 1 - 4, abstract) discloses a system etc. that limits mobile phone (1) functionality via a wireless network (cellular telephone link). The mobile phone (1) receives a remotely (personal computer 7) originated request to disable (prohibit a key operation for issuing a call) the mobile phone (1), limits access to (prohibits reading) a memory (16) within the mobile phone (1) based on the request and transfers personal data from the memory (16) to the personal computer (7).

The invention claimed in independent claims 1, 15 and 24 is known from each of documents D1, D2, D3, D4 and D5. Therefore, the invention claimed in claims 1, 15 and 24 lacks novelty and inventive step.

The invention claimed in independent claim 27 is known from document D2. Therefore, the invention claimed in claim 27 lacks novelty and inventive step.

.../...

Supplemental Box

In case the space in any of the preceding boxes is not sufficient.

Continuation of: Box V.

2 (2)

The features of most of the dependent claims are known from documents D1, D2, D3, D4 or D5:

The invention claimed in at least claims 3, 9 - 11, 14, 17, 20 and 22 is known from document D1. Therefore, the invention claimed in claims 3, 9 - 11, 14, 17, 20 and 22 lacks novelty and inventive step.

The invention claimed in at least claims 3, 7 - 9, 14, 20, 22 and 25 is known from document D2. Therefore, the invention claimed in claims 3, 7 - 9, 14, 20, 22 and 25 lacks novelty and inventive step.

The invention claimed in at least claims 3, 10 - 12, 14, 17 and 22 is known from document D3. Therefore, the invention claimed in claims 3, 10 - 12, 14, 17 and 22 lacks novelty and inventive step.

The invention claimed in at least claims 3, 14 and 22 is known from document D4. Therefore, the invention claimed in claims 3, 14 and 22 lacks novelty and inventive step.

The invention claimed in at least claims 9, 12, 20 and 22 is known from document D5. Therefore, the invention claimed in claims 9, 12, 20 and 22 lacks novelty and inventive step.

In claims 4 - 6, 13, 16, 18 - 19, 21, 23 and 26, slight constructional variations are suggested that are obvious to a person skilled in the art. Therefore, the invention claimed in claims 4 - 6, 13, 16, 18 - 19, 21, 23 and 26 lacks an inventive step.

To sum up, the invention claimed in at least claims 1, 3, 7 - 12, 14 - 15, 17, 20, 22, 24 - 25 and 27 lacks novelty and inventive step. The invention claimed in claims 2, 4 - 6, 13, 16, 18 - 19, 21, 23 and 26 is novel but lacks an inventive step. All the claims fulfil the requirement of industrial applicability.

WRITTEN OPINION OF THE
INTERNATIONAL SEARCHING AUTHORITY

International application No.

PCT/IB2005/000333

Box No. VIII Certain observations on the international application

The following observations on the clarity of the claims, description, and drawing or on the question whether the claim are fully supported by the description, are made:

In claim 6, the expression "the wireless network protocol" is in the definite form although it has not been mentioned before.